



WASTE MANAGEMENT OF HAWAII, INC.
92-460 Farrington Highway
Kapolei, Hawaii 96707
(808) 668-2985

August 13, 2010

Steven Y.K. Chang, P.E., Chief
Solid and Hazardous Waste Branch
State of Hawaii Department of Health
Environmental Management Division
919 Ala Moana Blvd., Suite 212
Honolulu, Hawaii 96814

RE: Cell E6 Sump Request
Solid Waste Management Permit No. LF-0054-02
Waimanalo Gulch Sanitary Landfill

Dear Mr. Chang:

Waste Management of Hawaii, Inc. (WMH) is completing the lining portion of the expansion cell E6 sump area located at the above referenced site. Once installation of the associated leachate removal system is completed, the sump area must be filled with waste and capped, in order to complete the northern portion of the west side stability berm. Additionally, the west side stability berm buttress is currently under construction, however not yet complete.

WMH is requesting Department of Health (DOH) approval to fill the sump area of cell E6 at this time, prior to the completion of the west side berm buttress. A stability analysis prepared by Geosyntec Consultants is attached, and demonstrates that "the initial waste fill to elevation 450 can be placed prior to constructing the West Berm Buttress". This approval is necessary in order to complete the west berm northern addition and the build out of the remainder of cell E6. A CQA report for cell E6 sump will be provided to DOH prior to any waste placement.

Please contact me at (808) 668-2985 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Joseph R. Whelan". The signature is fluid and cursive, with "Joseph R." on top and "Whelan" below it.

Joseph R. Whelan
General Manager
Waste Management of Hawaii, Inc.

cc: Ms. Lene Ichinotsubo (DOH)
Mr. Thomas Miyashiro (DOH)
Rick Von Pein (WMH)
File

12 August 2010

Mr. Joseph Whelan
District Manager
Waimanalo Gulch Landfill
92-460 Farrington Highway
Kapolei, Hawaii 96707

Subject: Initial Waste Filling in Cell E6 and West Berm Buttress
Waimanalo Gulch Landfill
Geosyntec project WL0770-07

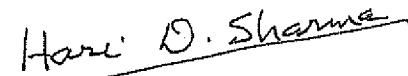
Dear Mr. Whelan:

On 18 February 2010, Geosyntec Consultants, Inc. (Geosyntec) presented the results of slope stability analyses for a buttress for the West Berm (i.e., the West Berm Buttress). The analyses presented were for Section 26 (see Figure 1). As can be observed in Figure 1, the stability for Section 26 is not affected by the initial waste fill grades in Cell E6 which are shown on Figure 2¹.

Thus, the initial waste fill to elevation 450 can be placed prior to constructing the West Berm Buttress.

Please let us know if there are other questions by calling 510-836-3034.

Respectfully,



Hari D. Sharma, Ph.D., P.E.
Principal

¹ As can be observed on Figure 2, the Cell E6 waste fill grades reach to a maximum Elevation of 450 feet. After these grades have been reached, Phase 3 of the West Berm needs to be constructed prior to further MSW fill placement.

Mr. Joe Whelan
Waimanalo Gulch Landfill
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Geosyntec ▶
consultants

Copy to:
Richard T. Von Pein, P.E. (WM)
Jesse Frey (WM)

Attachments:

Figure 1 – West Berm Buttress and Initial E6 Fill Plan
Figure 2 – Stage 2 MSW Placement Prior to Phase 3 West Berm

